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Date: January 27, 2000  
(First day after Government Snow Closure)

Docket No.: 2815-127P

## BOX PATENT APPLICATION

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

As authorized by the inventor(s), transmitted herewith for filing is a patent application applied for on behalf of the inventor(s) according to the provisions of 37 C.F.R. § 1.41(c), which claims priority under 35 U.S.C. § 119(e) of Provisional Application No. 60/118,112 filed on February 1, 1999

Inventor(s): Thomas J. JENTSCH

For: NOVEL POTASSIUM CHANNELS AND GENES ENCODING THESE POTASSIUM CHANNELS

Enclosed are:

- ☒ A specification consisting of THIRTY-SEVEN (37) pages plus a Sequence Listing (11 pages)
- ☒ Four (4) sheet(s) of formal drawings
- ☐ Certified copy of Priority Document(s)
- ☒ Executed Declaration in accordance with 37 C.F.R. § 1.64 will follow
- ☐ A statement to establish small entity status under 37 C.F.R. § 1.9 and 37 C.F.R. § 1.27
- ☒ Preliminary Amendment

- ☒ Information Sheet
- ☐ Information Disclosure Statement, PTO-1449 and reference(s)
- ☐ Amend the specification by inserting before the first line the sentence:

--This application claims priority on provisional Application No. 60/118,112 filed on February 1, 1999, the entire contents of which are hereby incorporated by reference.--

- ☐ Other:

The filing fee has been calculated as shown below:

			LARGE ENTITY	SMALL ENTITY
BASIC FEE			\$690.00	\$345.00
	NUMBER FILED	NUMBER EXTRA	RATE      FEE	RATE      FEE
<b>TOTAL CLAIMS</b>	56- 20 =	36	X 18 = \$648.00	x 9 = \$0.00
<b>INDEPENDENT CLAIMS</b>	6- 3 =	3	x 78 = \$234.00	x 39 = \$0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED			+ \$260.00	+ \$130.00
<b>TOTAL</b>			\$1,572.00	\$0.00

- ☒ The application transmitted herewith is filed in accordance with 37 C.F.R. § 1.41(c). The undersigned has been authorized by the inventor(s) to file the present application. The original duly executed declaration together with the surcharge will be forwarded in due course.
- ☒ A check in the amount of \$1,572.00 to cover the filing fee is enclosed.
- ☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.

☒ Please send correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 2292  
P.O. Box 747  
Falls Church, VA 22040-0747  
Telephone: (703) 205-8000

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By   
Gerald M. Murphy, Jr., #28,977

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2815-127P

Attachments

Rev. 01/19/2000

IN THE U.S. PATENT AND TRADEMARK OFFICE

I N F O R M A T I O N   S H E E T

Applicant: Thomas J. JENTSCH  
Appl. No.: NEW  
Filed: January 27, 2000  
For: NOVEL POTASSIUM CHANNELS AND GENES  
ENCODING THESE POTASSIUM CHANNELS

Priority Claimed: Denmark 1999 00076 January 26, 1999  
USA 60/118,112 February 1, 1999  
Denmark 1999 00693 May 19, 1999

Send Correspondence to:

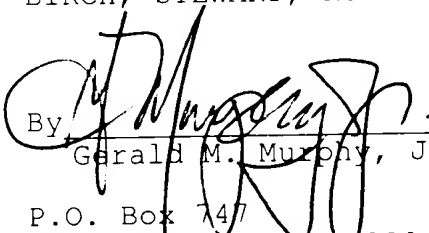
BIRCH, STEWART, KOLASCH & BIRCH, LLP or **CUSTOMER NO. 2292**  
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Falls Church, VA 22040-0747  
(703) 205-8000

The above information is submitted to advise the U.S.P.T.O.  
of all relevant facts in connection with the present application.

A timely executed Declaration in accordance with 37 C.F.R.  
§ 1.64 will follow.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By   
Gerald M. Murphy, Jr., #28,977

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